Data Chart for Tank System Tightness Test

. OWNER Property						La Charles			
Tank(s)	Name		Address	Repr	esentative	Telephone			
	Name	7-18	Address	Repr	esentative	Telephone			
. OPERATOR	Name		Address			Telephone			
3. REASON FOR TEST (Explain Fully)									
. WHO REQUESTED TEST AND WHEN	Name	A Tree of the	Title	Company o	r Affiliation	Date			
	of Charles Harris		Address			Telephone			
5. TANK INVOLVED	Identify by Direction	Capacity / O cJOD	Brand/Supplier	Grade	Approx. Age	Steel/Fiberglass			
Use additional lines		17		Diesel	Avadable				
for manifolded tanks									
i. INSTALLATION DATA	Location Rhind Warehous	Cover Asphalt	Fills 4''	Vents 2"	Siphones	Pumps			
	North inside driveway, Rear of station, etc.	Concrete, Black Top, Earth, etc.	Size, Titefill make, Drop tubes, Remote Fills	Size, Manifolded	Which tanks?	Suction, Remote Make if known			
. UNDERGROUND WATER	Depth to the Water table	Depth to the Water table							
ARRANGEMENTS	Tanks to be filled Extra product to "top off" Terminal or other contact for notice or inquiry	and run tank tester. How	and who to provide? Conside	r NO Lead.	Name	Telephone			
. CONTRACTOR, MECHANICS, any other contractor involved									
O. OTHER INFORMATION OR REMARKS	Additional information on	n any items above. Officials	or others to be advised when	testing is in progress or com	pleted. Visitors or observers	present during test, etc.			
1. TEST RESULTS	Tests were made	on the above tank syst	tems in accordance with	test procedures prescrit	ped for				
	Tank Identification	Tight	Leakage Inc	dicated	Date Te				
	#7	N	e H	-	9-	-17-92			
2. SENSOR	National Fire Pro	tection Association Pa	ns were tested on the date amphiet 329.	e(s) shown. Those indica					
CERTIFICATION 6-90 Date	Technic	Ciaris	10.5	Testing Contractor A 54. Tax	1/2/				

Signature of Tester:gpn		Tank and product handling system has failed the tank tightness test according to the Precision Test Criteria as established by N.F.P.A. publication 329.						Tank Owner/Operator				
P-T Tank Test Data Chart Additional Info 1. Net Volume Change at Conclusion of Precision Testgph	Statement: Tank and product handling system has been tested tight according to the Precision Test Criteria as established by N.F.P.A. publication 329. This is not intended to indicate permission of a leak. OR							It is the responsibility of the owner and/or operator of this system to immediately advise state and local authorities of any implied hazard and the possibility of any reportable pollution to the environment as a result of the indicated failure of this system. Heath Consultants Incorporated does not assume any responsibility or liability for any loss of product to the environment.				
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Date ___

Date: _

	Yes	Na	NA-
2. Have all written testing procedure eveloped by the manufacturer of the testing equipment and method been followed while the towns being set up and conducted?	X		
3. Was the product level in the tank during the test within the limitations stated in the evaluation results used to demonstrate that the tightness test method meets performance standards?	7	1.00	
4. Was the waiting period between the addition of product to the tank and the beginning of the test at or above the minimum waiting period stated in the evaluation results?	X		
5. If groundwater was present above the bottom of the tank, have the testing procedures accounted for its presence? (for single wall tanks)	X		
6. Have any loose fittings at the top of the tank been either tightened prior to beginning the test or accounted for when conducting the test and evaluating test results? (Applies to overfill methods only) Exception: Interstitial space fitting on double wall tank should remain loose during test for interstitial space to vent to atmosphere.	X	2006	
Have all vapor pockets either hear removed prior to beginning the test or otherwise accounted for when conducting the test and evaluating test results?		K	
8. Based on evaluating test results and conducting any retesting as necessary to obtain conclusive test results, the tightness test is: Passed Failed Note: Inconclusive test results will not be considered as a valid tightness test for purposes of complying with UST release detection regulations.			
9. If the tightness test is considered a failed test, has the owner/operator been notified of the test results? Note: The tank owner or operator must report a failed tightness test as a suspected release to UST staff at the appropriate Ecology regional office within 24 hours of being notified by the testing firm that a failed tightness test has occurred.	X		
10. If a failed test has occurred, results indicate that there is a leak in the:			
If known, the leak rate is: U/K gallons per hour			
I hereby certify that I have been the licensed supervisor present during the above listed tightness activities and to the best of my knowledge they have been conducted in compliance with all appeand federal laws, regulations and procedures pertaining to underground storage tanks.	s testi licable	ng 2 State	
Persons submitting false information are subject to penalties under Chapter 173-360 WAC. Q-17-2 Signature of Licensed Stifensor	ri lieri		
5. ADDITIONAL FIERUIFIED SIGNATURES Oate Signature of Licensed Service Provider (sm (owner or person with signature authority)			
Care Signature of Tank Owner or Authorized Representative		95 77	the same

Sections 3, 4 and 5 must be cornected separately for each tank and associated ring tested at the site. For additional tanks you may photology this form prior to completing.

3. TANK AND TESTING INFORMATION	
1. Trank/IID\Numbe ((as registered-witti-Ecology)):	2. Date installed:
3. Tank capacity in gallons: 10,000	4. Date of tightness test: 9-17-2
5. Last substance stored: Heating oil	6. Is tank compartmentalized?
7. Tank is: single wall double wall	
8. Reason for conducting tightness test:	
To comply with leak detection requirements in US	ST rules
To bring temporarily closed tank back into service	
Tank or piping repair	
X Other (describe) 6 SA Reg	sesT
9. Type of test conducted:	10. Test method type:
Tank tightness test only	Overfill
Line tightness test only	Underfill volumetric
Tank and lines tested separately	Nonvolumetric
Total system test (tank and lines tested together)	
Test method name/version Petro - 1.18 Test method manufacturer Health Coass	
12. If a tank tightness test was conducted, indicate the percent of tank volume that was filled with product during the test:	
Note: A tank must be tested up to the product level I overfill prevention device is not installed, a tank must underfill volumetric testing methods are used, the tallevel or 2) the portion of the tank above the product method which meets performance standards, for tight	limited by the overfill prevention device. If an at be tested up to the 95% full level. When ank must be: 1) filled with product to the 95% full level must be tested using a nonvolumetric himess testing.
 Indicate the method used to determine if groundwater was present above the bottom of the tank during the test (for sir 	
4. CHECKLIST	ATAL NEW YORK
	protection that has a recommendation
The following items shall be initialed by the licensed supervisor	r whose signature appears below. Yes No NA*
1. Has the tightness testing method used been demonstrated to specified in the UST rules for the conditions under which the 0.10 gallon per hour leak rate with probability of detection of a aiarm of no more than 5%) Note: A copy of Ecology's policy for demonstrating that leak standards may be obtained by contacting Ecology's UST sections.	meet the performance standard test was conducted? (e.g., detecting a at least 95% and a probability of false detection methods meet performance

27.	Sensor Calibration//		PR	ROSTATIC ESSURE DNTROL	31. vo	LUME MEASUREMEI RECORD TO .001 G		34. _{TEMPI}	ERATURE COM USE FACTOR	PENSATION	38. NET VOLUME CHANGING	39. ACCUMULATED CHANGE
28.	LOG OF TEST PROCEDURES Record details of setting up	29.	Standpij in In	pe Level		duct in	33. Product Replaced (-)	35.	36.	237	EACH READING Temperature Adjustment	CHANGE
TIME (24 hr.)	and running test. (Use full length of line if needed.)	Reading No.	Beginning of Reading	Level to which Restored	Before Reading	After Reading	Product Recovered (+)	Thermal Sensor Reading	Change , Higher + Lower -	Computation (c) × (a) = Expansion + Contraction -	Volume Minus Expansion (+) or Contraction (-) #33(V) — #37(T)	ANLow Level compute Change per Hour (NFPA criteria)
0845	Set up equipment Top	off.	Tur	10	i Circ	lating	Puncy	p. Leak	fou	nd in	Manway	i lid.
-9	Set up equipment Top Attempt to tighten Leak	per	sists:	Ren	ove e	z wipre	it. Di	op pro	duct	level	below'	tank !
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Name of Supplier, Owner or Dealer Address		5 15 15 15 15 15 15 15 15 15 15 15 15 15	Anburn	W.A. State	9-17-92 Date of Test		
		IEF DIAGRAM OF TANK FIELD	16. CAPACITY Nominal Capacity	Tank s Comp	n Chart Manufacturer's Chart any Engineering Data s supplied with		
17. FILL-UP FOR TEST Stick Water Bottom to '%" in.	Gallons	75 Tank Diameter	Inventory	95	Gallons ea. Reading		
18. SPECIAL CONDITIONS AND PROCEDUL See manual sections applicable. Check below and record pulse maximum allowable test pressure for all tests. Four pound rule does not apply to doublewalled tanks.		TANK Water in tank Line(s) High water table in tank of the stands of th	FOR	Transfer 21. VAPOR RECOVER	15 10345 total to line 25a		
Complete section below: 1. Is four pound rule required?	Yes No	Add 30" for "T" probe assy	30 in.	24b. COEFFICIENT OF RECIPROCAL ME	THOD Last 121		
Height to 12" mark from bottom of tank Pressure at bottom of tank	154 in. 4.9 p.s.i.	20. EXTENSION HOSE SETTIN Tank top to grade* Extend hose on suction tube 6" or more below tank top	39in.	Hydrometer Employed Temperature in Tank After Circulation	н		
4. Pressure at top of tank	1.8 P.S.I.	*If Fill pipe extends above grade, use top 22. Thermal-Sensor reading after circul	of fill.	Temperature of Sample Difference (+/-) Observed A.P.I. Gravity	°F		
Depth of burial Tank dia.	95 in.	23. Digits per °F in range of expected of COEFFICIENT OF EXPANSION	digits	Reciprocal ÷	_ Page # =		
Water table NOTES:	NOW in.	24a. Corrected A.P.I. Gravity Observed A.P.I. Gravity	Н °F	24c. FOR TESTING WI			
The above calculations are to be used for dry soil c establish a positive pressure advantage, or when using the rule to compensate for the presence of subsurface water area.	e four pound	@ 60°F, From Table A		Table C Coefficient of Water Table D Added Surfactant? Yes No Transfer COE to Line 25b.			
Refer to N.F.P.A. 30, Sections 2-3.2.4 and 2-7.2 at manufacturer regarding allowable system test pressure		25. (a) Total quantity, in full tank (16 or 17) 26. (a) Volume change per °F (25 or 2)	× (b) Coefficient of expansion for involved product † Digits per °F in test	= (C) Volume change in thi per °F = Volume change per d Compute to 4 decima	This is test		